

### **DETAILED ACTION**

1. This office action is a response to the amendment filed on 06/30/08.  
Claims 31, 41-42, 56-61, 79, 83, 86 are canceled.

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this Examiner's Amendment was given in a telephone interview with Charles Shemwell (Reg. 40,171) 08/07/08.

#### **In the claim section:**

- Claim 1, line 8, add -- one or more -- before "control".  
Claim 20, line 10, add -- one or more -- before "control".  
Claim 39, line 1, replace "37" with -- 38 --.  
Claim 62, line 11, add -- one or more -- before "control".

### **REASON FOR ALLOWANCE**

3. The primary reasons for allowance of claims 1, 20, 21, 43, 51, 62, 73, 78, 82, 85, 89 in the instant application is the combination with the inclusion of at least the limitations set forth in lines 8-14 of claim 1, lines 10-15 of claim 20, lines 10-12 of claim 21, lines 9-10 of claim 43, lines 12-17 of claim 51, lines 11-20 of claim 62, lines 5-12 of claim 73, lines 12-15 of claim 78, lines 12-16 of claim 82, lines 12-15 of claim 85, lines 8-11 of claim 89 .

Because claims 2-19, 92; 93; 22-30, 32-40; 44-50, 91; 52-55; 63-72; 74-77; 80-81; 84; 87-88; 90 depend directly or indirectly on claims 1, 20, 21, 43, 51, 62, 73, 78, 82, 85, 89. These claims are considered allowable for at least the same reasons noted above.

*Conclusion*

**4. Any response to this action should be mailed to:**

Under Secretary of Commerce for intellectual Property and Director of the  
United States Patent and Trademark Office  
PO Box 1450  
Alexandria, VA 22313-1450

**or faxed to:**

(571) 273-8300, (for Official communications intended for entry).

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PMR) system. Status information for published Applications may be obtained from either Private PMR or Public PMR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pak-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ngoc Dinh whose telephone number is (571) 272-4191. The examiner can normally be reached on Monday-Friday 8:30 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Reginald Bragdon, can be reached on (571) 272-4204.

/N. V. D./

Examiner, Art Unit 2189

/Reginald G. Bragdon/

Supervisory Patent Examiner, Art Unit 2189